

# MARBLE

## Material Data Sheet



### TECHNICAL DATA

CLASSIFICATION	ABSORPTION	SCRATCH RESISTANCE	CHEMICAL RESISTANCE
Recrystallized Calcite Limestone	Medium	Low	Low

### RECOMMENDED USAGE

Low Traffic Areas - Marbles are traditionally prized for their aesthetic appeal, accentuated by pronounced veining trends and often bold colors. These stones are calcium carbonate based, made up principally of the calcite crystal. Due to their mineralogical makeup, all marbles are vulnerable to either abrasion or chemical attack. Abrasive attack occurs most commonly from common kitchen utensils, and can be prevented with the judicious use of protective cutting boards and similar measures. The use of cleaners containing abrasives must be avoided. Chemical attack is most commonly brought about by exposure to acidic solutions, such as lemon juice, tomatoes, vinegar, etc. The use of inappropriate cleaning agents may also trigger acidic attack. Acidic solutions can permanently etch the surface of the material. In usage areas it is recommended to hone the surface, this will make etching and scratching less noticeable.

### CARE AND MAINTENANCE

#### Do's

- Clean up spills in a reasonable amount of time.
- Use clean water or PH neutral stone cleaner for daily cleaning
- Seal porous stone every 1-3 years

#### Don'ts

- Do not use any chemical based cleaners with bleach, ammonia, or acids.
- Keep acidic or alkaline products from contact of marbles, limestone, travertine, onyx, basalt products. This will cause etching.
- Do not cut on top of natural stones, granite may not scratch but will dull knife edge and could imbed metal into the surface.
- Do not sit, stand or place large amounts of weight on the front or back of cutouts, overhangs, or suspended bar tops.

#### Recommended Products

- Sealer: STONETECH Bulletproof (Available at Tile Market in Pint, Quart, and Gallon)
- Cleaner: STONETECH Revitalizer to clean and reseal (Available at Tile Market as a spray bottle)

# NATURAL STONE

## Countertops Quick Reference Guide



TYPE	CLASSIFICATION	ABSORPTION	SCRATCH RESISTANCE	CHEMICAL RESISTANCE
Granite	Magmatic or Metamorphic Rocks	Low-Med	High	High
Quartzite	Metamorphic Crystallized Sandstone	Low	Varies	Varies
Limestone	Calcite Based Rock	Med	Low	Low
Marble	Recrystallized Calcite Limestone	Med	Low	Low
Travertine	Calcite Based Rock formed from hot spring	High	Low	Low
Onyx	Recrystallized Calcite Limestone	Med	Low	Low
Soapstone	Talc Based Sedimentary Rock	Med	Low	High
Slate	Metamorphic formed from clay	Low-Med	Low	High

AVAILABLE FINISHES	POLISHED	HONED	BRUSHED	FLAMED	LEATHER/ANTIQUE
Granite	X	X	X	X	X
Quartzite	X	X			
Limestone	X	X			X
Marble	X	X	X		X
Travertine		X	X		
Onyx	X	X			
Soapstone		X			
Slate		X			

RECOMMENDED FINISHES	KITCHEN FOOD PREP	BATH	NON-FOOD PREP
Granite	Polished	Polished/Honed	Polished/Honed
Quartzite	Polished	Polished/Honed	Polished/Honed
Limestone	Honed	Polished/Honed	Polished/Honed
Marble	Honed	Polished/Honed	Polished/Honed
Travertine	Honed	Honed	Honed
Onyx	X	Polished	Polished
Soapstone	Honed	Honed	Honed
Slate	X	Honed	Honed